

SEQUENCE LISTING

<110> AGENT/REPRESENTATIVE: Greenlee, Winner and Sullivan, P.C.
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CAZALIS, Chrystelle S.
HALLER, Carolyn A.

<120> Thrombomodulin Conjugates

<130> 11-04 WO

<140> PCT/US TO BE ASSIGNED

<141> 2005-02-22

<150> US 60/546,436

<151> 2004-02-20

<160> 6

<170> PatentIn version 3.3

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<212> DNA

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<223> Synthetic construct

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Leu Asn Gln Thr Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro
15 20 25 30

att ccc cac gag ccg cac agg tgc cag ctg ttt tgc aac cag act gcc 145
Ile Pro His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala
35 40 45

tgt cca gcc gac tgc gac ccc aac acc cag gct agc tgt gag tgc cct 193
Cys Pro Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro
50 55 60

gaa ggc tac atc ctg gac gac ggt ttc atc tgc acg gac atc gac gag 241
Glu Gly Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu
65 70 75

tgc gaa aac ggc ggc ttc tgc tcc ggg gtg tgc cac aac ctc ccc ggt 289
Cys Glu Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly
80 85 90

acc ttc gag tgc atc tgc ggg ccc gac tcg gcc ctt gcc cgc cac att 337
Thr Phe Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile
95 100 105 110

ggc acc gac tgt gac tcc ggc aag gtg gac ggt ggc gac agc ggc tct 385
Gly Thr Asp Cys Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser

ggc gag ccc ccg ccc agc ccg acg ccc ggc tcc acc ttg act cct ccg 433
Page 1

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Gln Thr Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro Ile Pro
 20 25 30

His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala Cys Pro
 35 40 45

Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly
 50 55 60

Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu
 65 70 75 80

Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe
 85 90 95

Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr
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Asp Cys Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser Gly Glu
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Gly Gly Met
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Gln Thr Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro Ile Pro
 20 25 30

His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala Cys Pro
 35 40 45

Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly
 50 55 60

Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu
 65 70 75 80

Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe
 85 90 95

Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr
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Gly Gly Met
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 35 40 45

Ser Gln Ile Cys Asp Gly Leu Arg Gly His Leu Met Thr Val Arg Ser
 50 55 60

Ser Val Ala Ala Asp Val Ile Ser Leu Leu Leu Asn Gly Asp Gly Gly
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65					70					75					80
Val	Gly	Arg	Arg	Arg ₈₅	Leu	Trp	Ile	Gly	Leu ₉₀	Gln	Leu	Pro	Pro	Gly ₉₅	Cys
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Gly	Asp	Asn ₁₁₅	Asn	Thr	Ser	Tyr	Ser ₁₂₀	Arg	Trp	Ala	Arg	Leu ₁₂₅	Asp	Leu	Asn
Gly	Ala ₁₃₀	Pro	Leu	Cys	Gly	Pro ₁₃₅	Leu	Cys	Val	Ala	Val ₁₄₀	Ser	Ala	Ala	Glu
Ala ₁₄₅	Thr	Val	Pro	Ser	Glu ₁₅₀	Pro	Ile	Trp	Glu	Glu ₁₅₅	Gln	Gln	Cys	Glu	Val ₁₆₀
Lys	Ala	Asp	Gly	Phe ₁₆₅	Leu	Cys	Glu	Phe	His ₁₇₀	Phe	Pro	Ala	Thr	Cys ₁₇₅	Arg
Pro	Leu	Ala	Val ₁₈₀	Glu	Pro	Gly	Ala	Ala ₁₈₅	Ala	Ala	Ala	Val	Ser ₁₉₀	Ile	Thr
Tyr	Gly	Thr ₁₉₅	Pro	Phe	Ala	Ala	Arg ₂₀₀	Gly	Ala	Asp	Phe	Gln ₂₀₅	Ala	Leu	Pro
Val	Gly ₂₁₀	Ser	Ser	Ala	Ala	Val ₂₁₅	Ala	Pro	Leu	Gly	Leu ₂₂₀	Gln	Leu	Met	Cys
Thr ₂₂₅	Ala	Pro	Pro	Gly	Ala ₂₃₀	Val	Gln	Gly	His	Trp ₂₃₅	Ala	Arg	Glu	Ala	Pro ₂₄₀
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Asn	Ala	Ile	Pro ₂₆₀	Gly	Ala	Pro	Arg	Cys ₂₆₅	Gln	Cys	Pro	Ala	Gly ₂₇₀	Ala	Ala
Leu	Gln	Ala ₂₇₅	Asp	Gly	Arg	Ser	Cys ₂₈₀	Thr	Ala	Ser	Ala	Thr ₂₈₅	Gln	Ser	Cys
Asn	Asp ₂₉₀	Leu	Cys	Glu	His	Phe ₂₉₅	Cys	Val	Pro	Asn	Pro ₃₀₀	Asp	Gln	Pro	Gly
Ser ₃₀₅	Tyr	Ser	Cys	Met	Cys ₃₁₀	Glu	Thr	Gly	Tyr	Arg ₃₁₅	Leu	Ala	Ala	Asp	Gln ₃₂₀
His	Arg	Cys	Glu	Asp ₃₂₅	Val	Asp	Asp	Cys	Ile ₃₃₀	Leu	Glu	Pro	Ser	Pro ₃₃₅	Cys
Pro	Gln	Arg	Cys ₃₄₀	Val	Asn	Thr	Gln	Gly ₃₄₅	Gly	Phe	Glu	Cys	His ₃₅₀	Cys	Tyr

Pro Asn Tyr Asp Leu Val Asp Gly Glu Cys Val Glu Pro Val Asp Pro
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 Cys Phe Arg Ala Asn Cys Glu Tyr Gln Cys Gln Pro Leu Asn Gln Thr
 370 375 380
 Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro Ile Pro His Glu
 385 390 395 400
 Pro His Arg Cys Gln Met Phe Cys Asn Gln Thr Ala Cys Pro Ala Asp
 405 410 415
 Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly Tyr Ile
 420 425 430
 Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu Asn Gly
 435 440 445
 Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe Glu Cys
 450 455 460
 Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr Asp Cys
 465 470 475 480
 Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser Gly Glu Pro Pro
 485 490 495
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